

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051319\
 Data File : VU031972.D
 Acq On : 13 May 2019 15:22
 Operator : JC/SP
 Sample : K2791-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D55

Quant Time: May 23 06:40:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 14 02:38:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	520123	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	514743	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	201121	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	105174	2.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.40%
7) Chloroethane-d5	1.67	69	112126	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.27	63	180275	2.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.20%#
20) 2-Butanone-d5	4.19	46	516810	37.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.68%
24) Chloroform-d	4.64	84	267791	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.60%
26) 1,2-Dichloroethane-d4	5.31	65	147979	3.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.00%#
32) Benzene-d6	5.33	84	509070	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
36) 1,2-Dichloropropane-d6	6.33	67	178716	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.80%
41) Toluene-d8	7.56	98	380623	3.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.60%#
43) trans-1,3-Dichloropropene-	7.85	79	58347	3.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.80%
46) 2-Hexanone-d5	8.31	63	400559	46.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	160930	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	147538	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

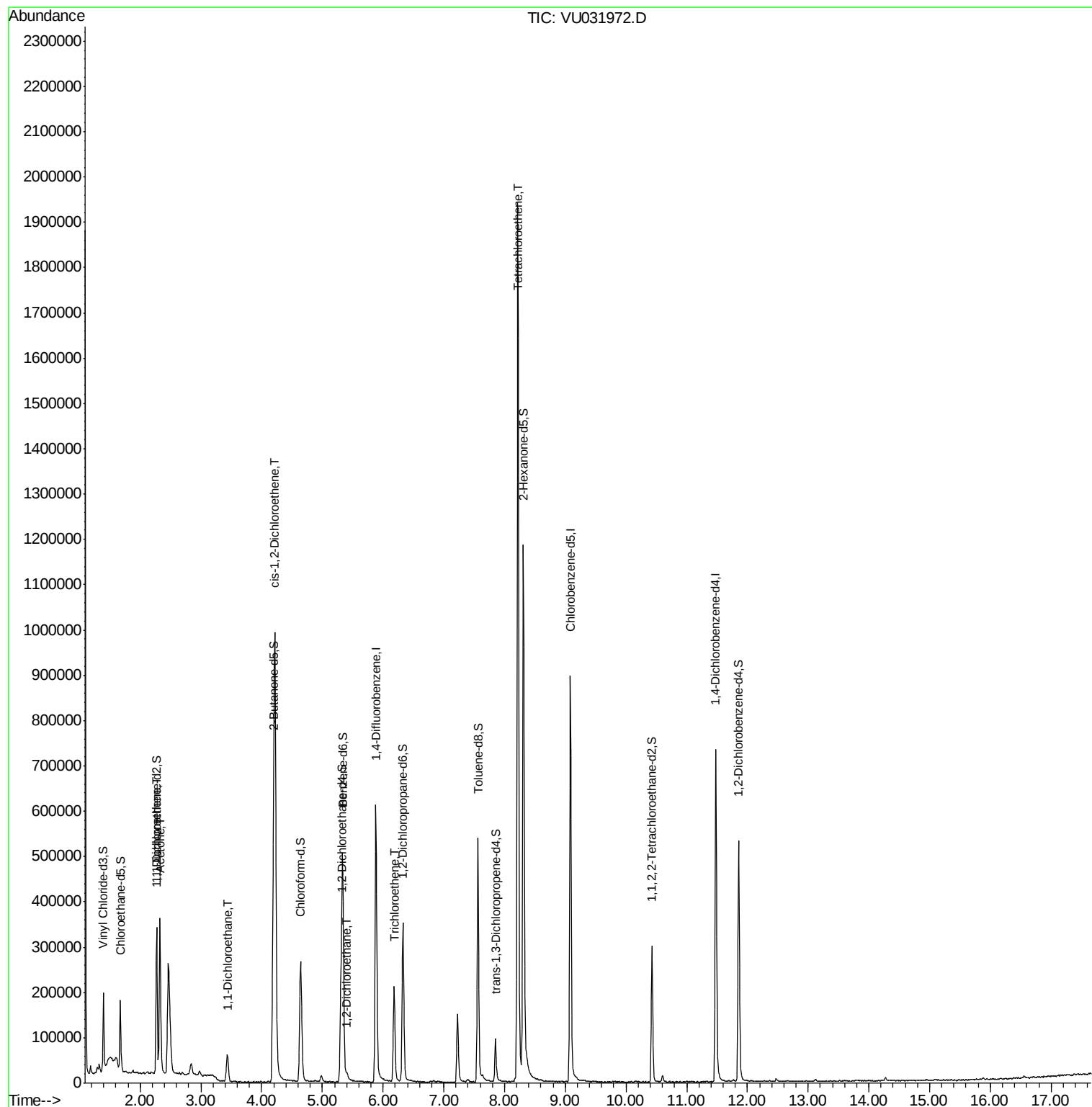
					Ovalue
12) 1,1-Dichloroethene	2.28	96	18008	0.509 ug/L #	1
13) Acetone	2.32	43	360669	38.155 ug/L	84
19) 1,1-Dichloroethane	3.44	63	54841	0.585 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	499250	10.908 ug/L	79
27) 1,2-Dichloroethane	5.41	62	11230	0.184 ug/L #	95
34) Trichloroethene	6.18	95	79326	1.753 ug/L	95
47) Tetrachloroethene	8.22	164	446180	15.163 ug/L	97

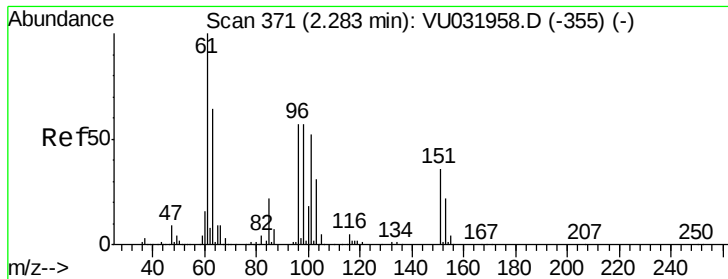
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.509 ug/L

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU031972.D

Acq: 13 May 2019 15:22

Instrument :

MSVOA_U

ClientSampleId :

F9D55

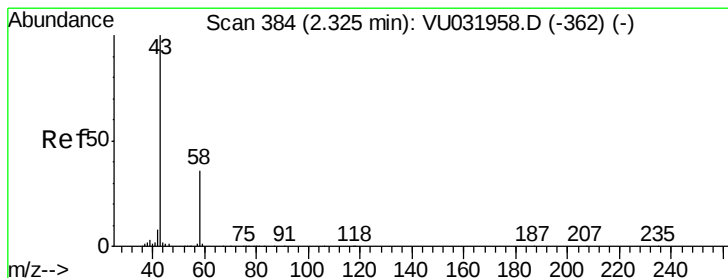
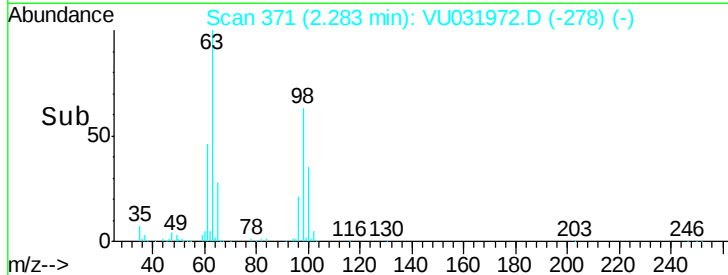
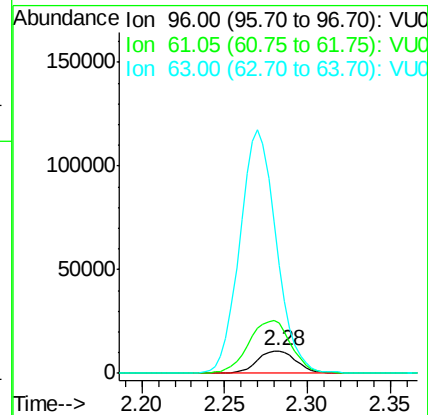
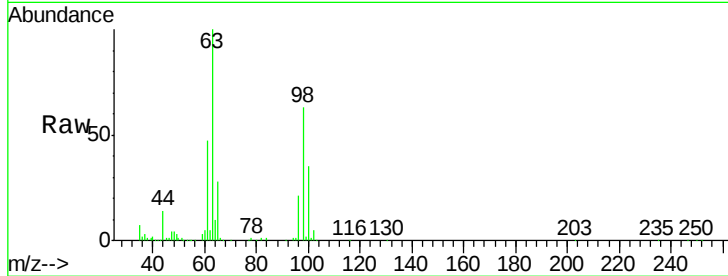
Tot Ion: 96 Resp: 18008

Ion Ratio Lower Upper

96 100

61 219.9 149.0 276.6

63 471.8 99.8 185.4#



#13

Acetone

Concen: 38.155 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU031972.D

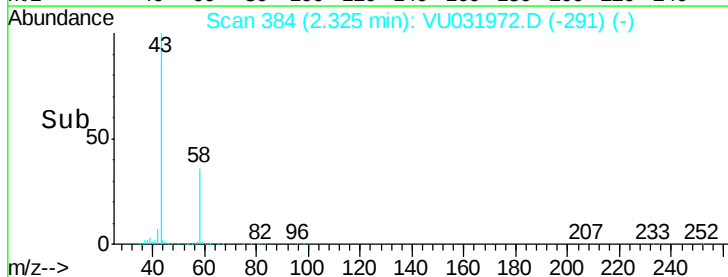
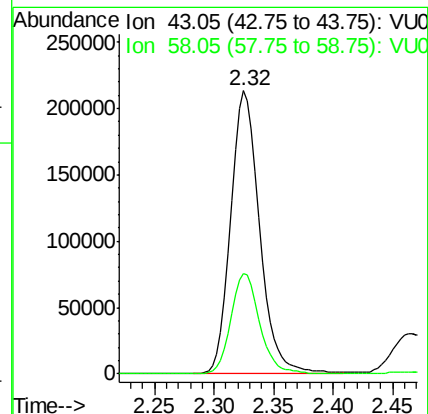
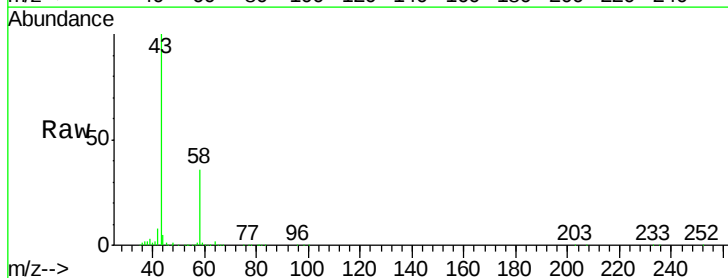
Acq: 13 May 2019 15:22

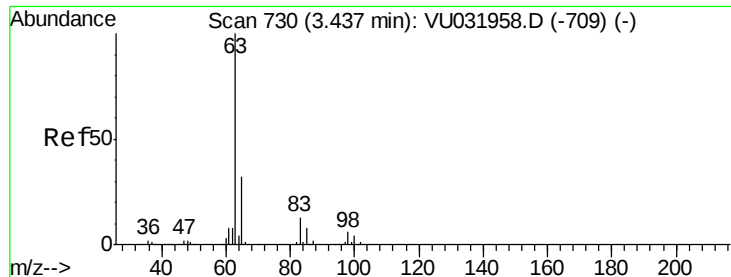
Tgt Ion: 43 Resp: 360669

Ion Ratio Lower Upper

43 100

58 35.3 0.0 53.6





#19

1,1-Dichloroethane

Concen: 0.585 ug/L

RT: 3.44 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU031972.D

Acq: 13 May 2019 15:22

Instrument :

MSVOA_U

ClientSampleId :

F9D55

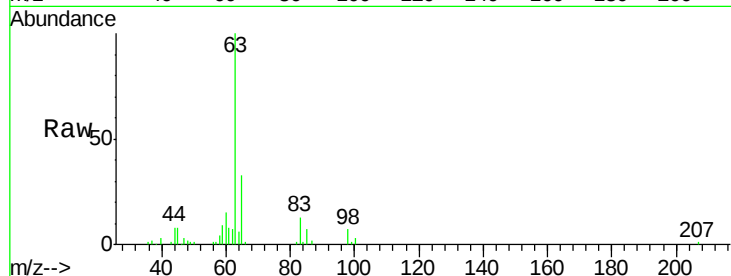
Tot Ion: 63 Resp: 54841

Ion Ratio Lower Upper

63 100

65 32.8 21.8 40.4

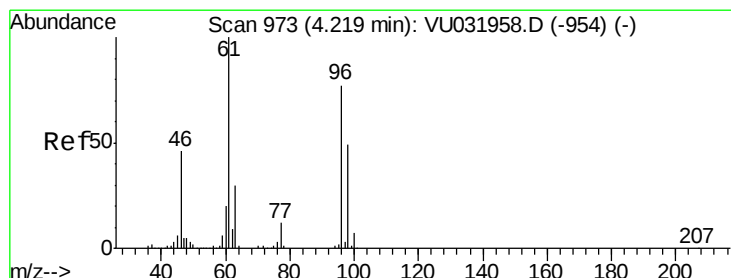
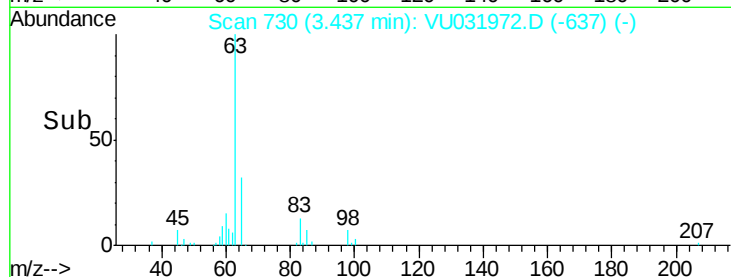
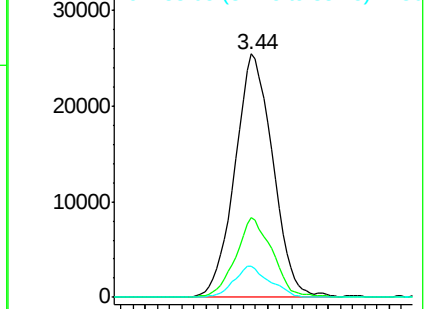
83 12.8 7.9 14.7



Abundance Ion 63.10 (62.80 to 63.80): VU031972.D (-637) (-)

Ion 65.10 (64.80 to 65.80): VU031972.D (-637) (-)

Ion 83.05 (82.75 to 83.75): VU031972.D (-637) (-)



#22

cis-1,2-Dichloroethene

Concen: 10.908 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU031972.D

Acq: 13 May 2019 15:22

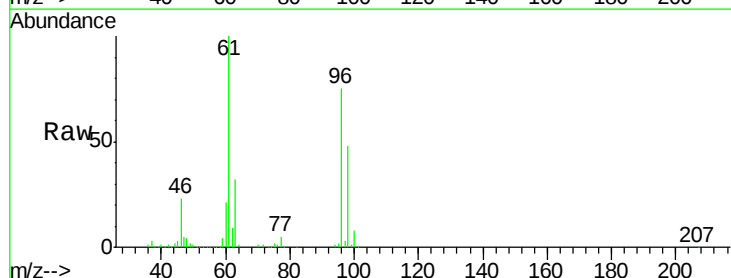
Tgt Ion: 96 Resp: 499250

Ion Ratio Lower Upper

96 100

61 134.2 113.3 210.5

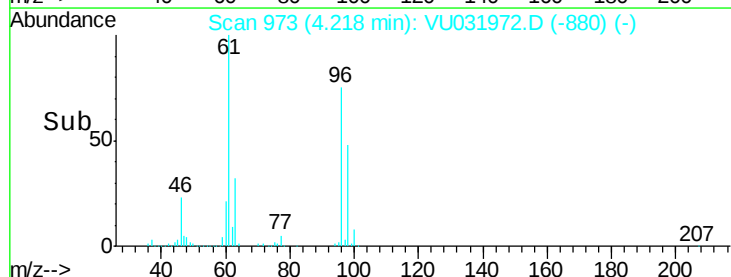
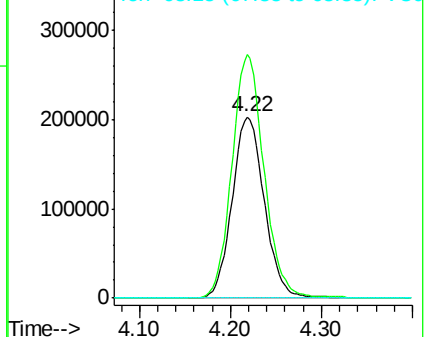
68 0.0 0.0 0.0

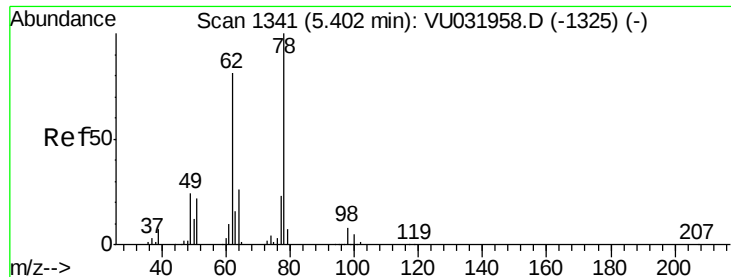


Abundance Ion 96.00 (95.70 to 96.70): VU031972.D (-880) (-)

Ion 61.05 (60.75 to 61.75): VU031972.D (-880) (-)

Ion 68.15 (67.85 to 68.85): VU031972.D (-880) (-)





#27

1,2-Dichloroethane

Concen: 0.184 ug/L

RT: 5.41 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VU031972.D

Acq: 13 May 2019 15:22

Instrument :

MSVOA_U

ClientSampleId :

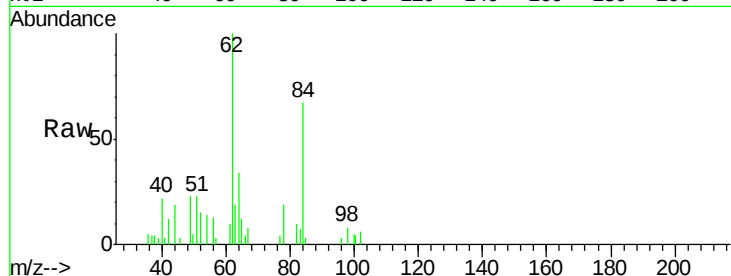
F9D55

Tot Ion: 62 Resp: 11230

Ion Ratio Lower Upper

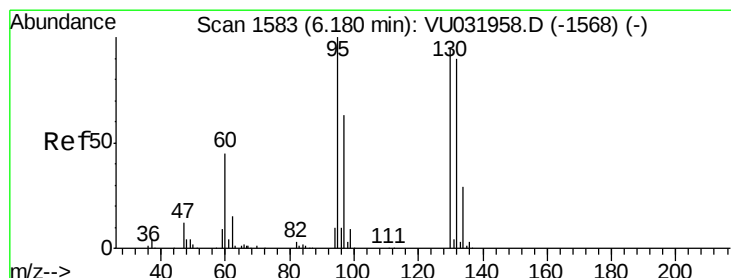
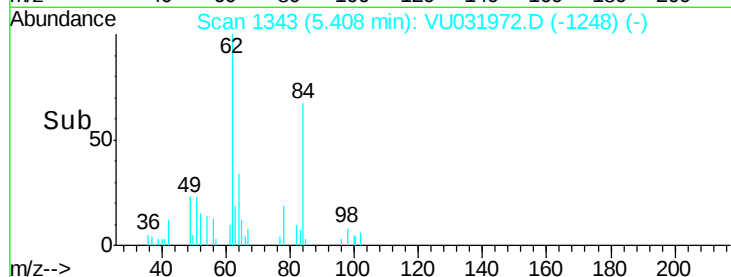
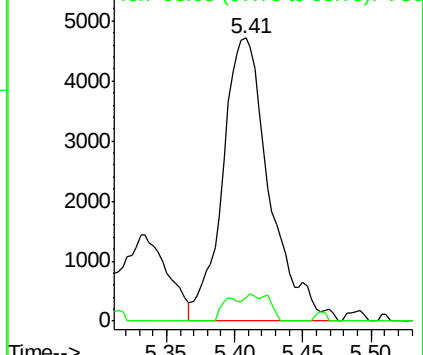
62 100

98 8.4 5.4 8.2#



Abundance Ion 62.00 (61.70 to 62.70): VU031958.D (-1325) (-)

Ion 98.05 (97.75 to 98.75): VU031958.D (-1325) (-)



#34

Trichloroethene

Concen: 1.753 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031972.D

Acq: 13 May 2019 15:22

Tgt Ion: 95 Resp: 79326

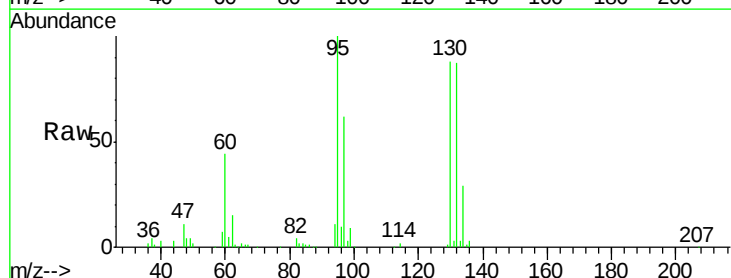
Ion Ratio Lower Upper

95 100

97 62.0 45.8 85.2

132 86.5 56.0 104.0

130 88.3 60.4 112.2

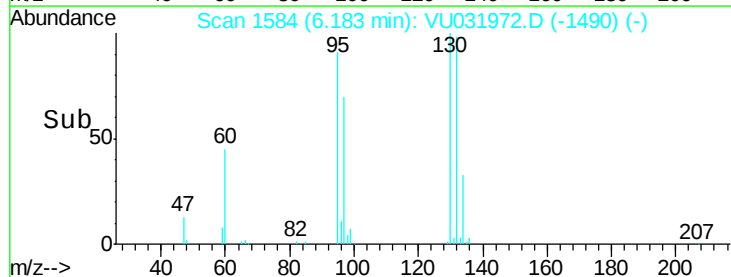
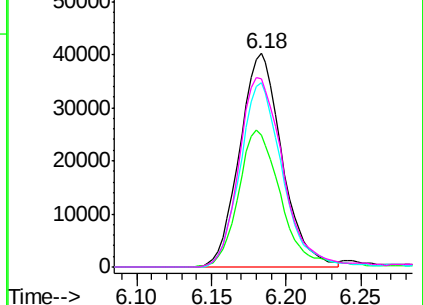


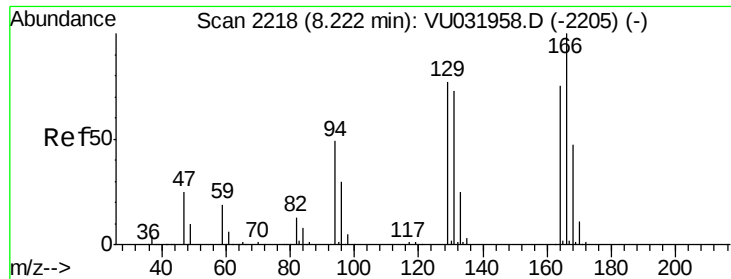
Abundance Ion 95.00 (94.70 to 95.70): VU031958.D (-1568) (-)

Ion 96.95 (96.65 to 97.65): VU031958.D (-1568) (-)

Ion 131.95 (131.65 to 132.65): VU031958.D (-1568) (-)

Ion 129.95 (129.65 to 130.65): VU031958.D (-1568) (-)





#47

Tetrachloroethene

Concen: 15.163 ug/L

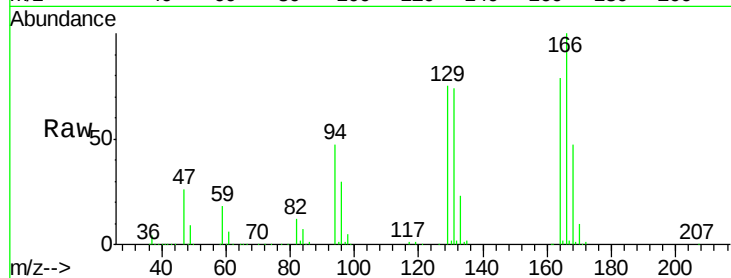
RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031972.D

Acq: 13 May 2019 15:22

Instrument :
MSVOA_U
ClientSampleId :
F9D55



Tot Ion:	164	Resp:	446180
Ion	Ratio	Lower	Upper
164	100		
129	96.0	70.3	130.5
131	94.6	65.4	121.4
166	127.2	86.0	159.8

